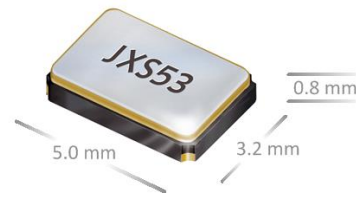


JXS53 Series Material Declaration

Total weight: 47mg



Part	Weight of parts(mg)	Content substance		CAS No	Content (mg)	Content (wt%)
Crystal blank	1.3mg	Artificial crystal	SiO ₂	14808-60-7	1.3	2.7557
Electrode	0.7mg	Gold	Au	7440-57-5	0.679	1.4393
		Chromium	Cr	7440-47-3	0.0011	0.0023
Conductive adhesives	7.0mg	Si resin	Si	7440-21-3	1.4	2.9676
		Silver powder	Ag	7440-22-4	4.9	10.3868
		Solvent	-	-	0.35	0.7419
		Dodecane	C ₁₂ H ₂₆	112-40-3	0.35	0.7419
Ceramic base	30.2mg	Alumina	Al ₂ O ₃	1344-28-1	23.367	49.5322
			SiO ₂	7631-86-9	1.141	2.4186
			Cr ₂ O ₂	1308-38-9	0.177	0.3752
			Mo	7439-98-7	0.24	0.5087
		Plating of gold	Au	7440-57-5	0.092	0.1950
		Plating of nickel	Ni	7440-02-0	0.575	1.2189
		Tungsten metalize	W	7440-33-7	4.465	9.4647
Mo	7439-98-7		0.138	0.2925		
Metal cap	8.0mg	Kovar	Fe	7439-89-6	3.67	7.7795
			Ni	7440-02-0	1.97	4.1759
			Co	7440-48-4	1.16	2.4589
		Nickel	Ni	7440-02-0	0.4	0.8479
			Ag solder	Ag	7440-22-4	0.29
		Cu		7440-50-8	0.11	0.2332
		Electroless nickel plate	Ni	7440-02-0	0.4	0.8479
P	7723-14-0		0.00028	0.0006		